

ABSTRACT

A multi-use appliance that has the ability to wash and dry dishes, or produce, or can be used as a food dehydrator. The appliance uses various mixtures of hot and cold water, at varying pressures, in different cycles to wash it's contents. The water temperature can be achieved either by receiving and mixing hot and cold water from a domestic source, or by just receiving cold water and heating the water by it's own water heater. It also can use different means to dry it's contents, through convection, or by use of a fan and it's own heating source. It can also incorporate means to disinfect it's contents. This can be done by injecting a disinfecting agent into the water supply or by an in-line ozone generator. All this can be done by various preprogrammed cycles, that are either mechanically or computer controlled.